

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051122\
 Data File : VY008697.D
 Acq On : 11 May 2022 11:23
 Operator : KP/MD
 Sample : VY0511SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0511SBL01

Quant Time: May 11 13:20:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050922S.M
 Quant Title : SW846 8260
 QLast Update : Mon May 09 19:21:20 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.789	168	216292	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	350263	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	322890	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	145093	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	99926	53.918	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	107.840%
35) Dibromofluoromethane	7.716	113	108983	50.491	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.980%
50) Toluene-d8	10.179	98	406593	53.454	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	106.900%
62) 4-Bromofluorobenzene	12.483	95	127713	46.670	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	93.340%

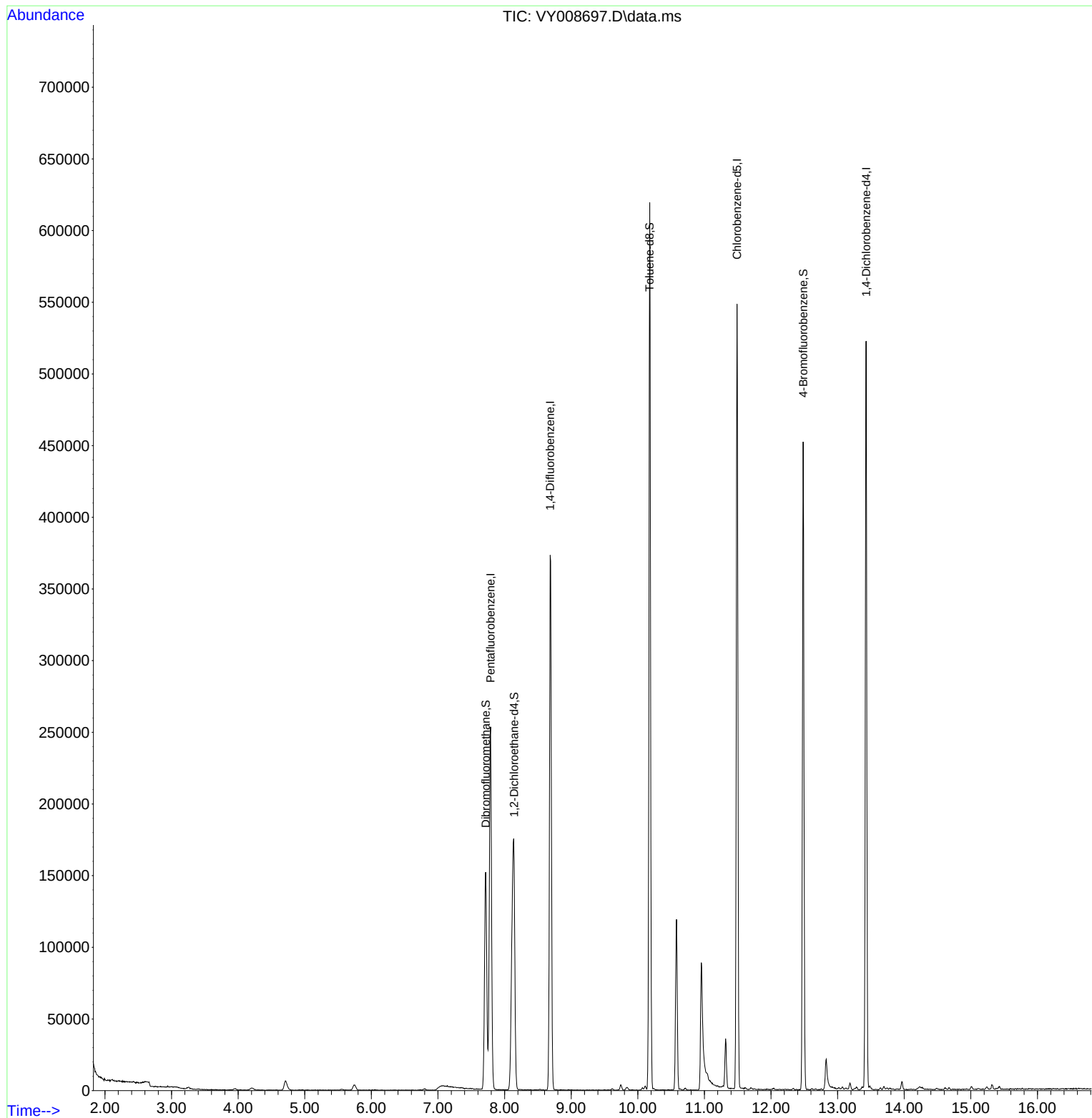
Target Compounds	Qvalue

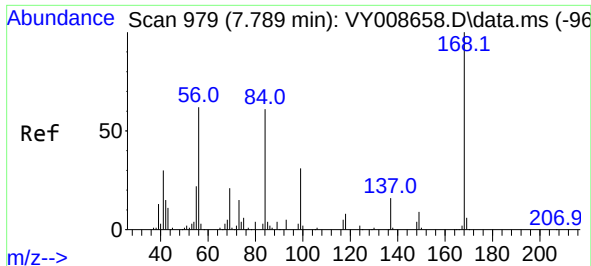
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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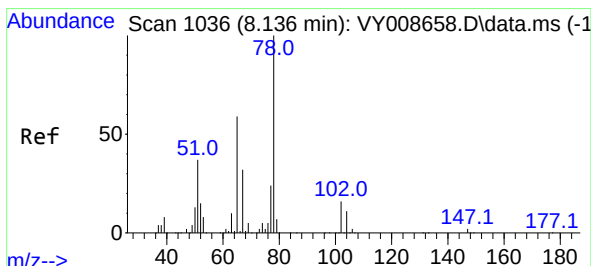
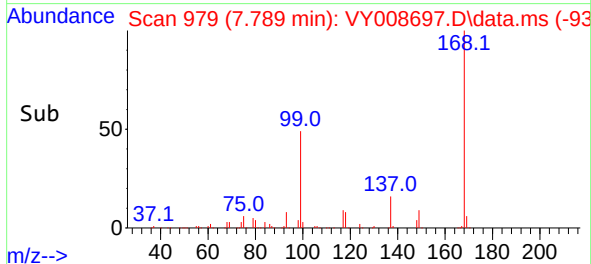
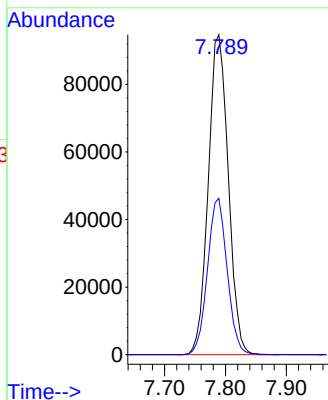
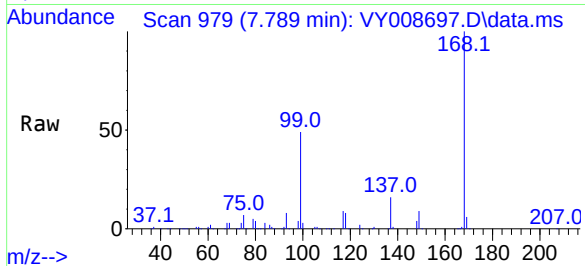




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008697.D
Acq: 11 May 2022 11:23

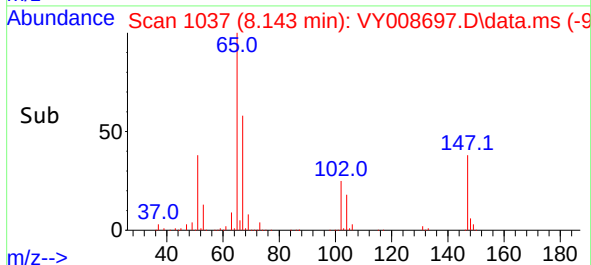
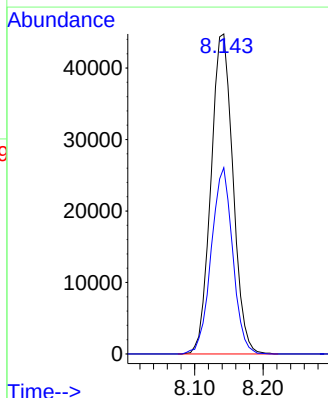
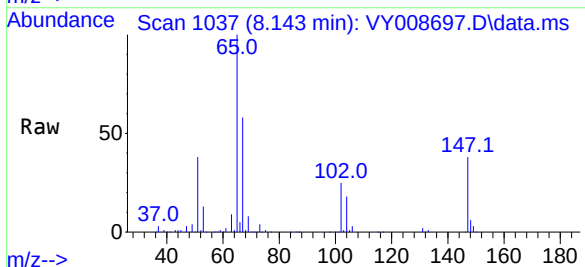
Instrument :
MSVOA_Y
ClientSampleId :
VY0511SBL01

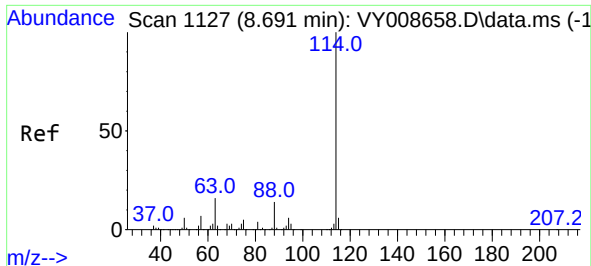
Tgt Ion:168 Resp: 216292
Ion Ratio Lower Upper
168 100
99 48.9 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 53.918 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.007 min
Lab File: VY008697.D
Acq: 11 May 2022 11:23

Tgt Ion: 65 Resp: 99926
Ion Ratio Lower Upper
65 100
67 56.7 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY008697.D

Acq: 11 May 2022 11:23

Instrument :

MSVOA_Y

ClientSampleId :

VY0511SBL01

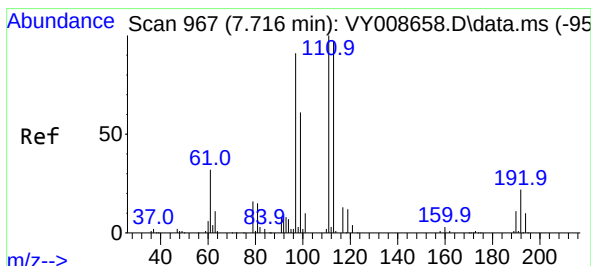
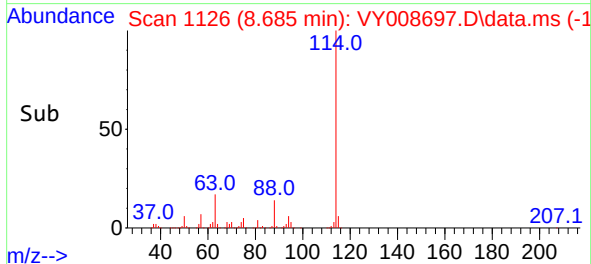
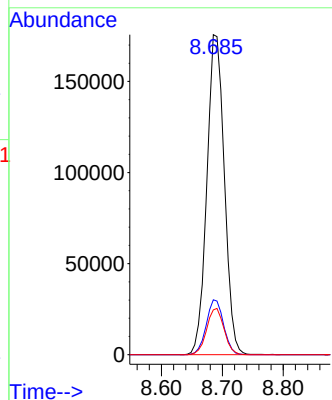
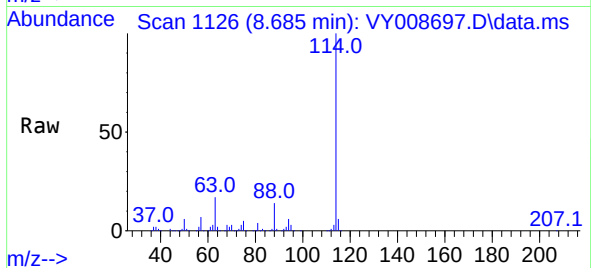
Tgt Ion:114 Resp: 350263

Ion Ratio Lower Upper

114 100

63 17.1 0.0 43.2

88 14.0 0.0 31.8



#35

Dibromofluoromethane

Concen: 50.491 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY008697.D

Acq: 11 May 2022 11:23

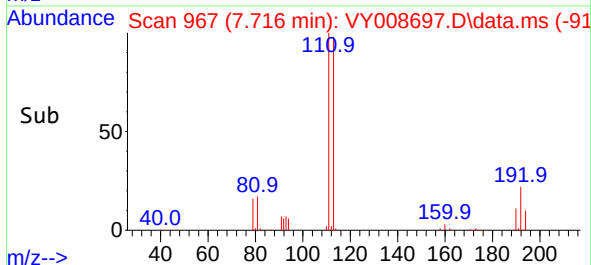
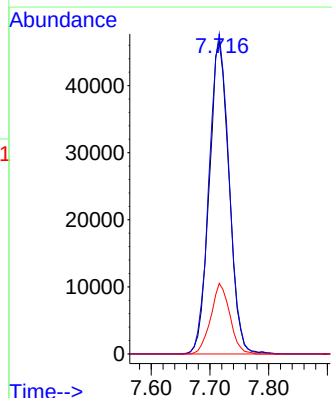
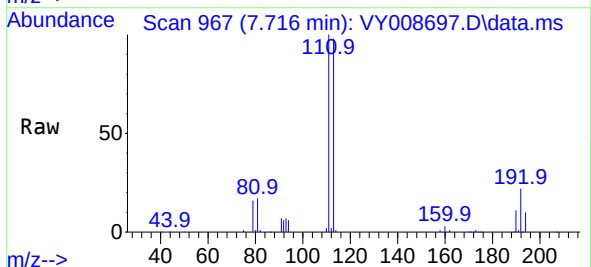
Tgt Ion:113 Resp: 108983

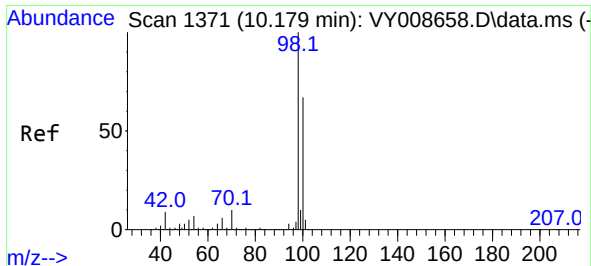
Ion Ratio Lower Upper

113 100

111 103.4 82.6 124.0

192 21.7 17.6 26.4

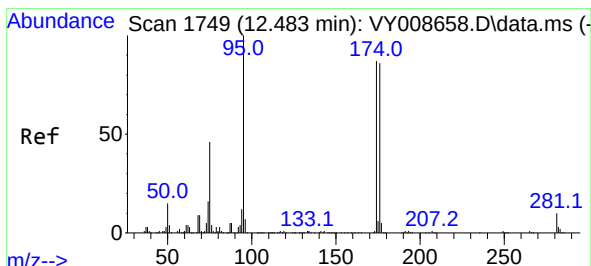
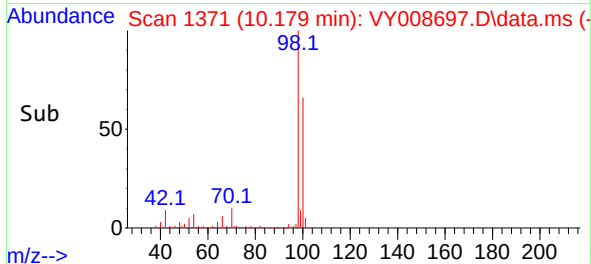
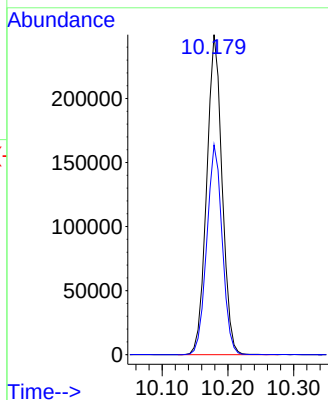
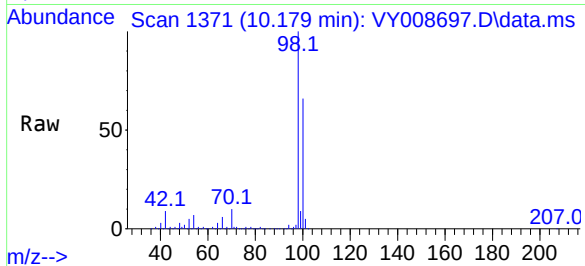




#50
Toluene-d8
Concen: 53.454 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008697.D
Acq: 11 May 2022 11:23

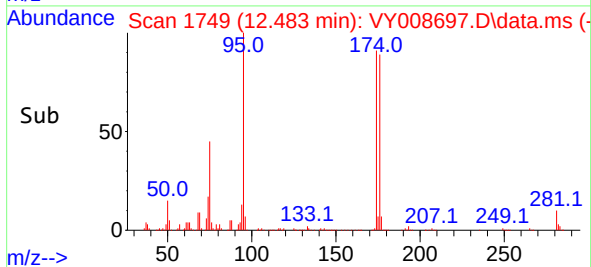
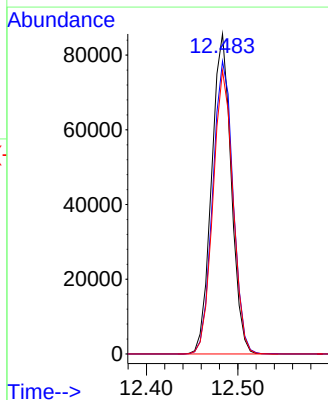
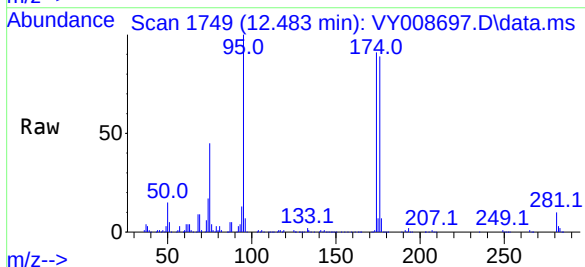
Instrument :
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VY0511SBL01

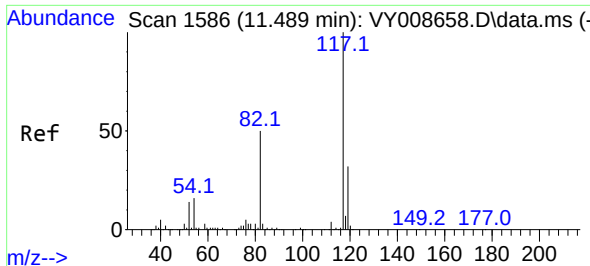
Tgt Ion: 98 Resp: 406593
Ion Ratio Lower Upper
98 100
100 65.8 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 46.670 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008697.D
Acq: 11 May 2022 11:23

Tgt Ion: 95 Resp: 127713
Ion Ratio Lower Upper
95 100
174 94.7 0.0 177.0
176 90.0 0.0 175.8

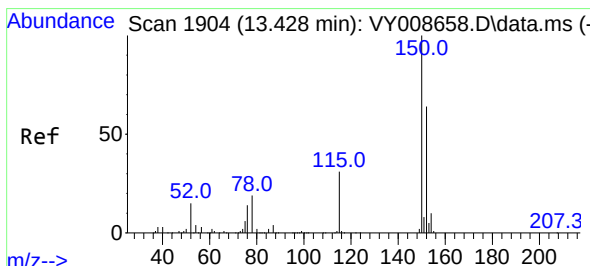
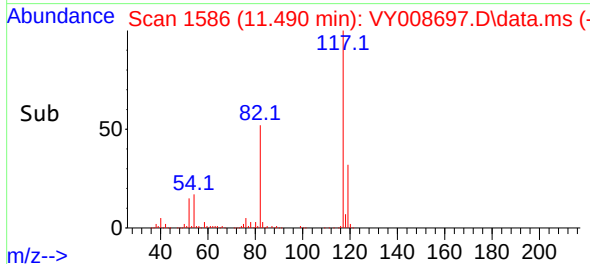
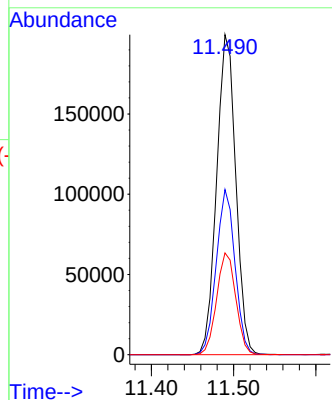
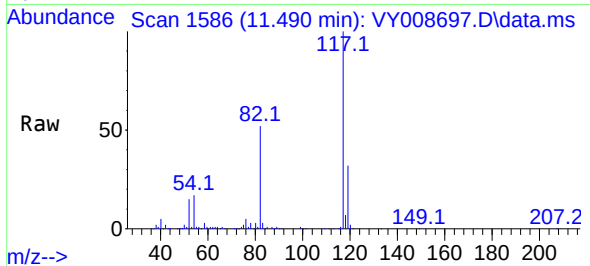




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY008697.D
Acq: 11 May 2022 11:23

Instrument :
MSVOA_Y
ClientSampleId :
VY0511SBL01

Tgt Ion:117 Resp: 322890
Ion Ratio Lower Upper
117 100
82 51.6 43.0 64.4
119 31.8 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY008697.D
Acq: 11 May 2022 11:23

Tgt Ion:152 Resp: 145093
Ion Ratio Lower Upper
152 100
115 55.0 28.2 84.7
150 156.8 0.0 347.6

